

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

6/22/04

Title of Invention RF Active Compositions for Use in Adhesion, Bonding and Coating

Application Number:

10/607535

Confirmation Number:

4241

First Named Applicant:

William Ryan

Art Unit:

Attorney Docket Number: 2113.0040008

Examiner:

1**234** 3742. To be assigned

Search string:

(6617557 or 6649888 or 6600142 or 4489193

or 4766035 or 6072362 or 3450856 or

6001911).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
Ro	1	6617557	2003-09-09	Ryan et al.			
ON	2	6649888	2003-11-18	Ryan et al.			
ar	3	6600142	2003-07-29	Ryan et al.			
SW	4	4489193	1984-12-18	Goswami			
600	5	4766035	1988-08-23	Lancaster et al.			
av	- 6	6072362	2000-06-06	Lincoln			
a	7	3450856	1969-06-17	Buck et al.			
ON D	8	6001911	1999-12-14	Ishizaki et al.			

Signature

Examiner Name	Date
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Page 1 of 15												
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							NT DOCUMENTS					
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ar	AA1	- [913	058	<u> </u>	02/23/1909	Saunders			·· <u>·</u>		
Bo	AB1		106	1111		05/06/1913	Olsson					
ar	AC1		218	1129		11/28/1939	Heberer					
QV	AD1	[246	5319		03/22/1949	Whinfield et al.					
BV	AE1		276	9804		11/06/1956	Hanson					
ar	AF1		290	1466		08/25/1959	Kibler et al.					
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DV 4	AL1	1	GB	988,414		04/07/1965	Great Britain					Yes No
av+	AM1		FR	1407582		06/21/1965	France				Х	Yes No
ar +	AN1	_ [DE	1745464		09/09/1971	Germany				x	Yes No
Rot +	AO1		FR	2248311		06/20/1975	France				X	Yes No
Qu +	AP1		wc	86/07034		12/04/1986	WIPO		<u> </u>			Yes No
				OTHER (I	nclud	ling Author,	Title, Date, Pertiner	nt Pages, e	etc.)			
av	AR	Derwent World Patent Index, English language abstract of Japanese Patent No. 60-209078, "Bonding adhesive lining cloth to woven fabric by applying hot-melt adhesive to fabric, impregnating with aq. soln. of ethylene glycol, sodium nitrite and surfactant, drying and bonding", Derwent XP-002109917, October 21, 1985)78,						
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FORM PTO-1449	ATTY. DOCKET NO. 2113.0040008/RWE/ALS FIRST NAMED INVENTOR Ryan et al.	APPLICATION NO. 10/607,535
INCOMMATION DISCLOSURE STATEMENT	FILING DATE June 27, 2003	ART UNIT 1734 3742

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Bo	AC2	3323929	06/06/1967	Salzberg et al.			
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QT.	AJ2	3701760	10/31/1972	Hagemeyer Jr. et al.			
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DAT P	AM2	WO 95/05413	02/23/1995	WIPO			Yes No
ON Y	AN2	WO 95/18191	07/06/1995	WIPO		-	Yes No
ONT >	AO2	WO 96/07540	03/14/1996	WIPO			Yes No
Bot	AP2	WO 97/16492	05/09/1997	WIPO			X Yes
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ar	AS	Unverified English language translation of Document AM1, French Patent No. FR 1407582, "Procedure for high-frequency welding of difficult-to-weld synthetic foams", June 21, 1965					
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BN	AB3	3779993	12/18/1973	Kibler et al.			
av	AC3	3850858	11/26/1974	Park			
Qo	AD3	3879450	04/22/1975	Velker et al.			
an	AE3	3919176	11/11/1975	Meyer Jr. et al.			
av	AF3	3936412	02/03/1976	Rocholl	Ī		
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av	AK3	4073777	02/14/1978	O'Neill et al.			
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Rov	AL3	JP 11-179854	07/06/1999	Japan			X Yes No
av P	АМ3	WO 99/47621	09/23/1999	WIPO.			Yes No
Qu't	AN3	EP 0 963 760 A1	12/15/1999	Europe			Yes No
	AO					-	Yes No
	AP						Yes No
	L	OTHER (Inclu	ding Author,	Title, Date, Pertinent Pages	, etc.)		
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QV	AS		Natural Organic Products, Gelatin's Production (visited June 12, 2000) http://www.tessenderlo.com/c/p030000.htm >				
Bo	AT	Natural Organic Products, Solugel® (visited June 12, 2000) http://www.tessenderlo.com/c/p030201.htm					
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FILING DATE	ART UNIT
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Rot	AB4	4104262	08/01/1978	Schade			
80	AC4	4110284	08/29/1978	Violland et al.			
BO	AD4	4127619	11/28/1978	Godfrey			
ar	AE4	4133731	01/09/1979	Hansen et al.			
8N	AF4	4146521	03/27/1979	Godfrey			
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ar	AH4	4253898	03/03/1981	Rinker et al.			
RV	Al4	4257928	03/24/1981	Vachon et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	АМ						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
		OTHER (Includ	ina Author.	Title, Date, Pertinent Pages	etc.)		
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Rot	AS 4	Eastman, EASTMAN AQ 48 Ultra Polymer (visited May 8, 2000) http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=74					
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FIRST NAMED INVENTOR Ryan et al.	
FILING DATE June 27, 2003	ART UNIT

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ADS 4360607 11/23/1982 Thorsrud et al. AES 4396739 08/02/1983 Sirota et al. AES 4396739 08/02/1983 Sirota et al. AFS 4408532 10/11/1983 Incremona AGS 4423191 12/27/1983 Haven et al. AFS 4406728 07/17/1984 Schmidt Jr. et al. AFS 4406728 09/11/1984 Foster AFS 4471086 09/11/1984 Foster AFS 4510324 04/09/1985 Rossi et al. FOREIGN PATENT DOCUMENTS EXAMINER INITIAL ALL AM AN AN AN AN AN AN AN AN AN	av	AB5	4331547	05/25/1982	Stotts et al.			
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AKS 4510324 04/09/1985 Rossi et al. FOREIGN PATENT DOCUMENTS EXAMINER INITIAL AL AM AN AN AO AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Eastman, EASTMAN AQ 1045 Copolyester (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp7EastmanDotCom=True&product=318: AT 5 Eastman, EASTMAN AQ 1350 Copolyester (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp7EastmanDotCom=True&product=318: EASTMAN AQ Copolyester 1950 (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp7EastmanDotCom=True&product=1219 EXAMINER DATE CONSIDERED		AJ5	4499262	02/12/1985	Fagerburg et al.			
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AR 5 Eastman, EASTMAN AQ 1045 Copolyester (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=318: AS 5 Eastman, EASTMAN AQ 1350 Copolyester (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=121: EXAMINER DATE CONSIDERED		l	OTHER (Includ	ing Author.	Title, Date, Pertinent Pages	s, etc.)		140
AT 5 http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=318: AT 5 Eastman, EASTMAN AQ Copolyester 1950 (visited May 8, 2000) http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=1219 EXAMINER DATE CONSIDERED	AT	AR 5	Eastman, EASTMA http://www.eastman	N AQ 1045 C	Copolyester (visited May 8, 20 Information/ProductHome.asp?	000) EastmanD	otCom=True&	product=317>
EXAMINER A 2 http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=1219 DATE CONSIDERED 3 0 4	Ro	AS <u>5</u>	Eastman, EASTMA http://www.eastman	Eastman, EASTMAN AQ 1350 Copolyester (visited May 8, 2000) http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=318 >				
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	ATTY. DOCKET NO. 2113.0040008/RWE/ALS	APPLICATION NO. 10/607,535
FORM PTO-1449	FIRST NAMED INVENTOR	
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INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
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EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AT	A	46	4525524	06/25/1985	Tung et al.			
DN	AE	36	4595611	06/17/1986	Quick et al.			
RN	AC	C6	4598142	07/01/1986	Hilbert et al.			
av	Αſ	06	4600614	07/15/1986	Lancaster et al.			
an	AE	E 6	4601948	07/22/1986	Lancaster et al.			
BN	AF	6	4640865	02/03/1987	Lancaster et al.			
av	AC	36	4659595	04/21/1987	Walker et al.			
Ro	Al	16	4660354	04/28/1987	Lancaster et al.			
an	Al	6	4661299	04/28/1987	Thorsrud			
Bot	A	16	4718898	01/12/1988	Puletti et al.			
RN	A	K 6	4728572	03/01/1988	Davis			
	1		F	OREIGN PAT	TENT DOCUMENTS	.,		
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ar	AR	<u>6</u>	Eastman, EASTMA/ http://www.eastman.com/	N AQ 14000 Com/Product In	Copolyester (visited May 8, 2 nformation/ProductHome.asp?E	000) astmanDo	tCom=True&p	product=1220>
æ	AS	<u>6</u>	Eastman, EASTEK 1300 Polymer Dispersion (visited May 8, 2000) http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=622					
av	AT 6 Eastman, EASTEK 1300 Polymer Pellets (visited May 8, 2000) http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=1256 >							
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	ATTY. DOCKET NO.	APPLICATION NO.	
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Ro	AA7	4735843	04/05/1988	Noda			
20	AB7	4753846	06/28/1988	Mudge			
RN	AC7	4761198	08/02/1988	Salerno			
RT	AD7	4762731	08/09/1988	Lancaster et al.			
av	AE7	4767799	08/30/1988	Thorsrud			
RN	AF7	4787194	11/29/1988	Lancaster et al.			
av	AG7	4790965	12/13/1988	Thorsrud			
ar	AH7	4840758	06/20/1989	Thorsrud			
QT	AI7	4847155	07/11/1989	Lancaster et al.			
ON	AJ7	4853420	08/01/1989	Pham et al.			
ON	AK7	4857129	08/15/1989	Jensen et al.			
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Do	AR <u>7</u>	AR Z Lide, D.R., ed., "Permitivity (Dielectric Constant) of Pure Liquids," in CRC Handbook of Chemistry and Physics, CRC Press, Inc., Ann Arbor, MI, pp. 9-27, 9-28, 9-30 (1991)					
QV	AS 7	Miller, R. A. and Althen, G., "Water-Dispersible Hot Melt Adhesive Formulations," Adhesives Age 40:63-66, Chemical Week Associates (November, 1997)					
ON	Co-Pending U.S. Patent Application No. 09/667,720, Ryan et al., filed September 22, 2000 (NOT PUBLISHED)						
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Ro	AA8	48	886853	12/12/1989	Foster et al.			
ar	AB8	48	895457	01/23/1990	Lancaster et al.			
Ro	AC8	49	910292	03/20/1990	Blount			
BN	AD8	49	941936	07/17/1990	Wilkinson et al.			
Dev -	AE8	49	973656	11/27/1990	Blount			
ar	AF8	49	990593	02/05/1991	Blount			
Do	AG8	50	002051	03/26/1991	Dew et al.			
ar	AH8	50	015677	05/14/1991	Benedict et al.			
ON	Al8	50	079047	01/07/1992	Bogaert et al.			
2V	AJ8	50	098962	03/24/1992	Bozich			
SST	AK8	5	132108	07/21/1992	Narayanan et al.	T		
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av	AR	8	Interference Ger Progress Report	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Bansal, P., "Development of an ISM Harmonic RF Attenuation Model for Combating Interference Generated by 13 MHz and 27 MHz Industrial RF Processing Machines," Progress Report on Task A, ERA Report 97-1015, ERA Project 33-01-0510, 29 pages (November 1997)				
ar	AS	<u>8</u>		Unverified English language translation of tables found in publication no. JP 11-179854 (Document AL3), July 6, 1999				
av	AT 8 NASA, Advanced Automation for Space Missions: Chapter 5, Appendix C (visited February 4, 2003) http://www.islandone.org/MMSG/aasm/AASM5C.html							
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RN	AA9	5156613	10/20/1992	Sawyer			
Do	AB9	5182134	01/26/1993	Sato			
RN	AC9	5209776	05/11/1993	Bass et al.			
ON	AD9	5217798	06/08/1993	Brady et al.			
DT	AE9	5218042	06/08/1993	Kuo et al.			
ar	AF9	5219895	06/15/1993	Kelman et al.			•
Do	AG9	5220141	06/15/1993	Quick et al.			
Qn	АН9	5240780	08/31/1993	Tiers et al.			
000	Al9	5281630	01/25/1994	Salsman			
an	AJ9	5286504	02/15/1994	Sheen et al.			
Do	AK9	5292362	03/08/1994	Bass et al.			
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INITIAL	AA10	DOCUMENT NUMBER 5318650	06/07/1994	NAME Kerawalla	CLASS	SUB-CLASS	FILING DATE
80	AB10	5328539	07/12/1994	Sato	_		
QN	AC10	5329004	07/12/1994	Eden et al.	 		
ar	AD10	5336518	08/09/1994	Narayanan et al.			
Qu	AE10	5354336	10/11/1994	Kelman et al.			
20	AF10	5356963	10/18/1994	Kauffman et al.			
QV	AG10	5360845	11/01/1994	Billmers et al.			
BN	AH10	5369211	11/29/1994	George et al.			
ON	Al10	5371133	12/06/1994	Stanley			
RV	AJ10	5373682	12/20/1994	Hatfield et al.			
DV	AK10	5382652		Fukuda et al.			
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Ro	AA11	5387623	02/07/1995				
Ro	AB11	5391406	02/21/1995	Ramharack et al			
Our	AC11	5403312	04/04/1995	Yates et al.			
ON	AD11	5403998	04/04/1995	Sheen et al.			
Dev	AE11	5416127	05/16/1995	Chandran et al.			
SAT	AF11	5453144	09/26/1995	Kauffman et al.			
AN.	AG11	5475038	12/12/1995	Skoultchi			
Bo	AH11	5506298	04/09/1996	Paul et al.	Ī		
AV	Al11	D368918	04/16/1996	DeBiasse			
BV	AJ11	5519072	05/21/1996	Wieczorek Jr. et al.			
ar	AK11	5523344	l	Maksymkiw et al.			
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BI	AA12	5527655	06/18/1996	Bonham et al.				
av	AB12	5530056	06/25/1996	Farwaha et al.				
Bo	AC12	5532300	07/02/1996	Koubek et al.				
Do	AD12	5532306	07/02/1996	Kauffman et al.				
Ro	AE12	5536759	07/16/1996	Ramharack et al.				
ON	AF12	5543488	08/06/1996	Miller et al.		·		
Ro	AG12	5545472	08/13/1996	Koubek et al.				
av	AH12	5552495	09/03/1996	Miller et al.				
Do	Al12	5574076	11/12/1996	Sharak et al.				
SN	AJ12	5591850	01/07/1997	Birbaum et al.				
20	AK12	5608000	03/04/1997	Duan et al.				
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	ATTY, DOCKET NO.	APPLICATION NO.
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
RN	AA13	5616625	04/01/1997					
BO	AB13	5618876	04/08/1997	Farwaha et al.				
RN	AC13	5645886	07/08/1997	Schueler II et al.				
Ro	AD13	5645904	07/08/1997	Woo et al.				
Ro	AE13	5661201	08/26/1997	Degrand				
Bo	AF13	5669934	09/23/1997	Sawyer				
Bo	AG13	5670566	09/23/1997	Liedermooy et al.				
av	AH13	5688845	11/18/1997	Eden et al.				
Bo	Al13	5716441	02/10/1998	Nguyen et al.				
RN	AJ13	5717015	02/10/1998	Dust et al.				
ar	AK13	5719244	02/17/1998	Farwaha et al.				
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	ATTY, DOCKET NO.	APPLICATION NO.
	2113.0040008/RWE/ALS	10/607,535
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ST	AA14	5749895	05/12/1998	Sawyer et al.		 .	
RN	AB14	5750605	05/12/1998	Blumenthal et al.			
ON	AC14	5760111	06/02/1998	Birbaum et al.			
QN	AD14	5770706	06/23/1998	Wu et al.			
QN	AE14	5795397	08/18/1998	Shi et al.			
O	AF14	5821294	10/13/1998	Perlinski			
Ov	AG14	5824015	10/20/1998	Sawyer			
QN	AH14	5840146	11/24/1998	Woo et al.			
QN	Al14	5856060	01/05/1999	Kawamura et al.	T		
ON	AJ14	5859152	01/12/1999	Miller et al.		-	
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RN	AA15	6121356	09/19/2000	Lundberg et al.			
Ro	AB15	6348679	02/19/2002	Ryan et al.			
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